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SOURCE Newspapers as indicated.

GEORGIAN MGB REQUIRES OIL FILTERS ON CARS;
NEW MOTOR BURNS UNDRIED WOOD

SPEEDOMETERS ALSO NECESSARY -- Zarya Vostoka, No 241, 10 Dec 49

In an order signed by Director Nachkeb, the Georgian SSR Administration of the MGB Militia forbids the operation of motor vehicles not equipped with oil filters. It also forbids the operation of the following vehicles if not equipped with speedometers: GAZ-51, GAZ-63, ZIS-150, ZIS-154, YaZ-200, MAZ-205, ZIS-110, Pobeda, Moskvich, ZIS-5, and GAZ-AA.

DESIGN NEW-TYPE GAS GENERATOR -- Cina, No 224, 22 Sep 49

With the support and cooperation of the Academy of Sciences Latvian SSR, Engineer A. Krons has invented and constructed a new type of gas generator, which he calls a carbogenerator. Its main advantage compared with similar types of motors, is the fact that it requires a much smaller amount of fuel and also that the wood used for fuel does not have to be dried or treated in any other way, except that it must be cut in small pieces. This not only lowers the operation cost, but makes operation much simpler, and automobiles are able to cover much greater distances.

Tests of the new invention have just been completed. Several heavy trucks, equipped with carbogenerators, were driven to Moscow along the Riga-Pskov-Leningrad-Moscow route, a distance of 1,500 kilometers. The return trip was made by a longer route, and the total mileage amounted to about 3,500 kilometers. During the entire trip the motor operated without any defects.

In the opinion of qualified experts, this is a completely new and previously unknown type of gas generator, which surpasses all previous achievements in this field. The organization of mass production should now be speeded up.

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INCREASE OUTPUT, INSTALL NEW EQUIPMENT -- Kommunist, No 297, 18 Dec 49

The cost of production at the Yerevan "Avtodetal'" (Parts) Plant was reduced 18 percent during 1949, while labor productivity was increased 15.2 percent. During the past 3 months, 530,000 rubles in working capital were released to the national economy.

Two new conveyers have been installed.

PRODUCES GAS CONVERTERS FOR TRUCKS -- Pravda Ukrainy, No 308, 31 Dec 49

During 1949, the Kiev Automobile Gas-Apparatus Plant produced 140 attachments for the conversion of trucks to compressed-gas power above-plan.

NEW ELECTROMOBILES MORE ECONOMICAL -- Sovetskaya Latvija, No 308, 31 Dec 49

The Automobile Motor Scientific Research Institute has produced new electromobiles of 0.5-1.5 tons capacity. Designed for light goods and mail carrying in cities, the machines run on storage batteries and effect a saving of 15-25 percent in electricity.

MAKES SMALL LOCOMOTIVE -- Sovetskaya Moldaviya, No 7, 10 Jan 50

The Omega Machine-Building Plant has put out a light, narrow-gaged internal combustion locomotive, ALTI-2, for the timber industry. It is designed for light, transferable rails and can operate on any type of ground, even in marshes. In its assembled state, it can be transported to a forest on a tractor or a truck.

PUTS OUT PREFAB GARAGES -- Sovetskaya Litva, No 1, 1 Jan 50

Auto Repair Plant No 4 is putting out the first models of a new prefabricated garage for the Pobeda and Moskvich cars. Constructed of sheet iron 1 1/2 millimeters thick, the garage is 4.3 meters long, 2.5 meters wide, and 1.8 meters high. It can easily be put up and taken down.

OVERHAUL MOTOR-REPAIR PLANT -- Sovetskaya Moldaviya, No 236, 26 Nov 49

The shops of the Bel'tsy Motor-Repair Plant have been re-designed and a new electric power plant has been installed. The former repair shops are now in a position not only to carry out repairs but also to manufacture parts for motors and engines.

SETS UP NEW SHOP IN CLEARED AREA -- Bakinskiy Rabochiy, No 4, 6 Jan 50

By rearranging welding equipment and setting up formerly unused machines in the cleared area, the Truck-Repair Plant imeni Lenin has created a new stamping shop. Nuts, which were formerly produced by machining, are now stamped out in the new shop.

MASTER PRODUCTION PROBLEMS, MEET PLAN -- Leningradskaya Pravda, No 9, 11 Jan 50

For the first time since the postwar resumption of tractor production at the Kirov Plant, the machines are coming off the lines evenly. Failure of the fabrication shop to direct a steady supply to the assembly shop had the plant running behind plan as late as mid-1949, but by October tractor output during the first

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10 days of that month was 24.6 percent of the monthly quota, and by December 30.3 percent of the monthly quota were produced during the first third of the month. By the end of 1949 the year plan for gross production had been met, thanks to the institution of even production measures.

Electric heating of parts to be forged, die stamping of gears, high-frequency tempering, and cold finishing are being pushed. During 1950, electromechanical machining methods and high-speed sharpening and milling will be stressed. Automatic control of grinders will be introduced. Pressure casting will be extended, and shop work will be further mechanized.

Leningradskaya Pravda, No 7, 8 Jan 50

The tractor shop of the Leningrad Kirov Plant, which until several months ago operated on the basis of last-minute speed up, has overcome its inefficiency and is now a model of orderly operation.

FURNISH "AVTOPRIBOR" PLANT WITH INCOMPLETE MACHINES -- Izvestiya, No 14, 17 Jan 50

In April 1949, the "Avtopribor" Plant received a vertical pneumatic compressor which was manufactured at the Sumy Machine-Building Plant imeni Frunze. However, the compressor was received without slides under the electric motor, consequently, putting the compressor into operation, was postponed for several months. A drawing of the slides had to be drafted and sent to another enterprise for casting the parts. Then followed a period of patient waiting until the order was filled. Why should a single order be three times as expensive as planned?

A similar incident occurred when a cold-upsetting machine, manufactured at the Odessa Plant imeni XVI parts'yezda, was received with the reel missing, which the "Avtopribor" Plant had to make itself.

The Sverdlovsk Autogenous Welding Equipment Plant produces high-quality acetylene generators; however, it does not consider it its duty to build them as a completed unit. In April 1949, the "Avtopribor" Plant received two of these apparatus without a hose or torch. Both units are still inoperative.

The Chkalov "Metallist" Forge and Press Machine-Building Plant also is not serving the "Avtopribor" Plant satisfactorily. Two presses have been received, but they cannot be used since the technical information manual is missing. High pressure pipes, connecting and shut-off fixtures, and tanks for liquids are also lacking.

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